

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5902	((341/22,26,34) or (345/168) or (400/472)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/09 22:50
L2	35	L1 and ((reduc\$3 decreas\$3) near10 (scan \$4 poll\$3)) same (power energy efficien\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 22:50
L3	7	(Yi-Tsung near Cheng)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 23:01
L4	0	(keyboard and (voltage potential) and (detect \$3 sens\$3) and (amplification amplify \$3 amplifi\$3) and (capacitance capacitive capacitor) and (parallel near2 serial) and ((without "not") near3 poll\$3) and (press \$3 depress\$3 push\$3) and (releas\$3 lift\$3)). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 23:03
L5	0	(keyboard and (voltage potential) and (detect \$3 sens\$3) and (parallel near2 serial) and ((without "not") near3 poll\$3) and (press \$3 depress\$3 push\$3) and (releas\$3 lift\$3)). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 23:04
L6	0	(keyboard and (voltage potential) and ((without "not") near3 poll\$3) and (press\$3 depress\$3 push\$3) and (releas\$3 lift\$3)). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 23:04
L7	0	(keyboard and (voltage potential) and ((without "not") near3 poll\$3)). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 23:04
S1	2	("20050024337").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 16:16

S2	4365	((341/22,26,34) or (345/168)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 13:25
S3	15	("5386584") or ("5585792") or ("6198820") or ("5700194") or ("3765015") or ("3973256") or ("2002171564")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 09:45
S4	483	(detect\$3 OR sens\$3 OR determin\$3 OR determinat\$3) SAME (capacitor OR capacitive OR capacitance) SAME (amp OR amplify\$3 OR amplifier) SAME (comparator OR compar\$3) SAME ("or" NEAR2 (gate OR circuit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:11
S5	62634	parallel NEAR2 serial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 09:50
S6	566939	(key OR switch\$3 OR button) WITH (voltage OR potential OR ground \$3 OR grnd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 09:51
S7	1	S2 AND S4 AND S5 AND S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:08
S8	9	S4 AND S5 AND S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:10
S9	1404	(detect\$3 OR sens\$3 OR determin\$3 OR determinat\$3) SAME (capacitor OR capacitive OR capacitance) SAME (comparator OR compar\$3) SAME ("or" NEAR2 (gate OR circuit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:09
S10	34	S9 AND S5 AND S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:10

S11	320892	(detect\$3 OR sens\$3 OR determin\$3 OR determinat\$3) SAME (capacitor OR capacitive OR capacitance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 12:43
S12	17	S2 AND S5 AND S6 AND S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 12:14
S13	2461	(continuous\$2 OR continually OR continu\$3) NEAR poll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:13
S14	8	S2 AND S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 10:18
S15	27	S2 AND S5 AND S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 12:14
S16	3	("3721976" "3740744" "4157539").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/10 12:40
S17	9	("4414538").URPN.	USPAT	OR	ON	2006/04/10 12:40
S18	85696	(detect\$3 OR sens\$3 OR determin\$3 OR determinat\$3) SAME (capacitor OR (capacitive ADJ (element OR device)) OR capacitance) SAME (key OR button OR switch\$3) SAME (voltage OR potential OR charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:26
S19	113	S2 AND S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 12:48
S20	980	(341/26,34).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/10 13:25
S21	106351	(capacitor OR (capacitive ADJ (element OR device)) OR capacitance) WITH (key OR button OR switch\$3) WITH (voltage OR potential OR charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:26

S22	52	S20 AND S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:28
S23	1523	keyboard AND ((capacitor OR (capacitive ADJ (element OR device)) OR capacitance) WITH (amp OR amplifier OR (amplify \$3 ADJ (means OR device OR device))) WITH (voltage OR potential))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:51
S24	13	S20 AND S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:49
S25	18	S2 AND S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:49
S26	5	S25 NOT S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:49
S27	278	keyboard AND ((key OR button OR switch\$3) WITH (capacitor OR (capacitive ADJ (element OR device)) OR capacitance) WITH (amp OR amplifier OR (amplify \$3 ADJ (means OR device OR device))) WITH (voltage OR potential))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/10 13:53
S28	61268	(capacitor OR (capacitive ADJ element)) NEAR5 (hold\$3 OR stor\$3) NEAR5 (charg \$3 OR voltage OR potential)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 15:07
S29	981	(341/26,34).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 12:35
S30	15	S29 AND S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 15:07

S31	12899	((capacitor OR (capacitive ADJ element)) NEAR5 (hold\$3 OR stor\$3) NEAR5 (charg \$3 OR voltage OR potential)) SAME (amp OR amplifier OR amplify \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 12:35
S32	4	S29 AND S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/17 15:07
S33	28963	((capacitor OR (capacitive ADJ element)) NEAR5 (hold\$3 OR stor\$3) NEAR5 (charg \$3 OR voltage OR potential)) AND (amp OR amplifier OR amplify\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 12:35
S34	981	(341/26,34).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 12:36
S35	9	S33 AND S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:06
S36	7348	(positive NEAR2 (comparator OR compar \$3)) AND (negative NEAR2 (comparator OR compar\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:29
S37	325458	keyboard	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:07
S38	40642	(345/168).CCLS. or ("341").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 13:07
S39	18	S38 AND S37 AND S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:41
S40	35124	(positive WITH (comparator OR compar \$3)) AND (negative WITH (comparator OR compar \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:54

S41	47	S38 AND S37 AND S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:30
S42	29	S41 NOT S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:30
S43	1	"4040036".PN.	USPAT; USOCR	OR	ON	2006/04/18 13:35
S44	9	S34 AND (("or" ADJ gate) WITH (comparator OR compar\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:45
S45	50658	(comparator OR compar \$3) WITH (capacitor OR (capacitive ADJ element))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 13:54
S46	75	S38 AND S37 AND S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 15:59
S47	158	active ADJ (keypad OR keyboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 15:59
S48	4378	((341/22,26,34) or (345/168)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 16:01
S49	4378	S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 16:01
S50	22	S48 AND S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 16:04
S51	3	(Yi NEAR Tsung NEAR Cheng)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 16:11

S52	15	(("5386584") or ("5585792") or ("6198820") or ("2002171564") or ("5700194") or ("3765015") or ("3973256")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 16:09
S53	4	"0478141"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 16:10
S54	2	("0478141").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 16:10
S55	2	("0478141").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/18 16:10
S56	14	"1521166"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 16:11
S57	2	("5220601").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 08:55
S58	9	("3928847" "4086588" "4318087" "4346369" "4390754" "4414538" "4554530" "4821033" "5025255").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 08:58
S59	3	("3721976" "3740744" "4157539").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/19 09:31
S60	9	("4414538").URPN.	USPAT	OR	ON	2006/04/19 09:33
S61	10	(positive WITH (voltage OR potential OR charge) WITH ((push\$3 OR press \$3) NEAR2 down)) AND (negative WITH (voltage OR potential OR charge) WITH (lift\$3 OR rais\$3 OR up OR releas\$3 OR up))	USPAT	OR	ON	2006/04/19 09:38

S62	150	(keyboard OR keypad) AND ((button OR key OR switch) SAME positive SAME (voltage OR potential OR charge) SAME (push\$3 OR press\$3 OR down)) AND ((button OR key OR switch) SAME negative SAME (voltage OR potential OR charge) SAME (lift\$3 OR rais\$3 OR up OR releas\$3 OR up OR remov\$3))	USPAT	OR	ON	2006/04/19 09:39
S63	265164	((("340") or ("341") or ("345")).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 09:40
S64	20	S63 AND S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 10:06
S66	38	S63 AND (keypad OR keyboard) AND ((key OR switch\$3 OR button) WITH capacitor WITH (amp OR amplifier OR amplify\$3) WITH (voltage OR potential OR charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 10:12
S67	4378	((341/22,26,34) or (345/168)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 10:12
S68	4	S67 AND (keypad OR keyboard) AND ((key OR switch\$3 OR button) WITH capacitor WITH (amp OR amplifier OR amplify\$3) WITH (voltage OR potential OR charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 10:13
S69	35	S67 AND (keypad OR keyboard) AND ((key OR switch\$3 OR button) SAME capacitor SAME (amp OR amplifier OR amplify\$3) SAME (voltage OR potential OR charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 12:09
S70	101	(Kerr NEAR Richard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 10:35

S71	8	(keypad OR keyboard OR key-pad OR key-board) AND (Kerr NEAR Richard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 10:35
S72	2	("4539554").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 11:53
S73	265164	((("340") or ("341") or ("345"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/19 11:59
S74	326	S73 AND (keypad OR keyboard) AND ((key OR switch\$3 OR button) SAME capacitor SAME (amp OR amplifier OR amplify\$3) SAME (voltage OR potential OR charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 11:59
S75	4378	((341/22,26,34) or (345/168)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/04 12:51
S76	62	S75 AND (keypad OR keyboard) AND ((capacitor OR capacitance OR capacitive) SAME (amp OR amplifier OR amplify \$3) SAME (voltage OR potential OR charge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/19 12:10
S77	5090	((341/22,26,34) or (345/168) or (400/472)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/05 10:32
S78	25	(keyboard keypad (key NEAR (board pad))) WITH efficien\$3 WITH (read\$3 process\$3 receiv\$3) WITH only	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 14:55
S79	5091	((341/22,26,34) or (345/168) or (400/472)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:35
S80	2	("5925110").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:01

S81	5095	((341/22,26,34) or (345/168) or (400/472)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/10 11:35
S82	406787	keyboard keypad (key NEAR (board pad))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:38
S83	18839	(measur\$3 sens\$3 detect \$3) WITH (voltage potential) WITH (key switch\$3) WITH (clos\$3 press\$3 depress\$3 actuat \$3 releas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:42
S84	5351267	(parallel NEAR2 serial NEAR2 register) p/s	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:37
S85	34	S82 AND (S83 SAME S84)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 14:28
S86	53	(measur\$3 sens\$3 detect \$3) WITH (transien\$3 NEAR2 (voltage potential)) WITH (key switch\$3) WITH (clos\$3 press\$3 depress\$3 actuat \$3 releas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:35
S87	0	S82 AND (S86 SAME S84)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:43
S88	2	S82 AND S86 AND S84	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:51
S89	4	S82 AND S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 11:52
S90	3495	(measur\$3 sens\$3 detect \$3) WITH (transien\$3 NEAR5 (voltage potential))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:35

S91	183	S82 AND S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:38
S92	5	S81 AND S82 AND S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:35
S93	113076	(keyboard keypad (key NEAR (board pad))).AB.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:38
S94	5	S93 AND S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 13:39
S95	0	62-251917	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 11:20
S96	1	(nakazawa NEAR takeo) AND (iwata NEAR eiiji)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 10:14
S97	1	61-094803	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 11:21
S98	281909	((("340") or ("341") or ("345"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/14 14:33
S99	123	S98 AND (keyboard keymodule keypad (key NEAR (board module pad))).AB. AND (parallel NEAR2 serial NEAR2 (convert\$3 process \$3 register\$3 shift\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/14 14:36
S100	5438	((341/22,26,34) or (345/168) or (400/472)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/27 12:22

S101	4	S100 and ((detect\$3 sens\$3 measur\$3) near5 transien\$3 near5 (voltage potential))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:27
S102	3	S100 and (capacitive capacitance capacitor) and (amp aplifier amplify\$3 opamp) and (comparator compar\$3) and ("or") and (parallel near2 serial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:31
S103	9	S100 and ((comparator compar\$3) same ("or" near (logic gate)) same (press\$3 depress\$3 touch\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:01
S104	0	S100 and (((second two dual) near2 (comparator compar\$3)) same ("or" near (logic gate)) same (press\$3 depress\$3 touch\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:39
S105	290514	((("340") or ("341") or ("345"))).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/27 12:39
S106	12	S105 and (((second two dual) near2 (comparator compar\$3)) same ("or" near (logic gate)) same (press\$3 depress\$3 touch\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:42
S107	109	S105 and ((comparator compar\$3) same ("or" near (logic gate)) same (press\$3 depress\$3 touch\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:44
S108	0	S105 and "keyboard keypad" and ((comparator compar\$3) same ("or" near (logic gate)) same (press\$3 depress\$3 touch\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:44
S109	48	S105 and (keyboard keypad) and ((comparator compar\$3) same ("or" near (logic gate)) same (press\$3 depress\$3 touch\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:49
S110	0	S100 and (((detect\$3 measur\$3 sens\$3) near5 (current voltate potential) near5 (transien\$3 spike ramp\$3 sudden\$2)) same (depress\$4 press\$3 touch\$3) same (releas\$3 lift\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:51

S111	0	S100 and (((detect\$3 measur\$3 sens\$3) with (current voltate potential) with (transien\$3 spike ramp \$3 sudden\$2)) same (depress\$4 press\$3 touch \$3) same (releas\$3 lift \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 12:52
S112	11	S100 and ((detect\$3 measur\$3 sens\$3) with (current voltate potential) with (transien\$3 spike ramp \$3 sudden\$2))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:11
S113	15	S100 and ((comparator compar\$3 amplifier amplify\$3 opamp) same ("or" near (logic gate)) same (press\$3 depress\$3 touch\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:08
S114	3	S100 and (((current voltate potential) with (transien\$3 spike ramp \$3 sudden\$2)) same (press\$3 depress\$3 touch \$3) same releas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:24
S115	6	S100 and ((comparator compar\$3) with (press\$3 depress\$3 touch\$3)) and ((comparator compar\$3) with releas\$3) and ("or" near3 (gate logic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:28
S116	7	keyboard and (((comparator compar\$3) with (press\$3 depress\$3 touch\$3)) same ((comparator compar\$3) with releas\$3) same (potential voltage current)) and ("or" near3 (gate logic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:32
S117	3	S100 and ((comparator compar\$3) with (press\$3 depress\$3 touch\$3) with (potential voltage current)) and ((comparator compar\$3) with releas\$3 with (potential voltage current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:35
S118	33	S100 and ((comparator compar\$3) same (press\$3 depress\$3 touch\$3) same (potential voltage current)) and ((comparator compar\$3) same releas\$3 same (potential voltage current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/27 13:35

S119	128209	((("341") or ("345")).CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 16:16
S120	23	S119 and (keyboard keypad) and ((detect\$3 determin\$3 sens\$3) with (voltage potential) with releas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 16:58
S121	5	((("4346369") or ("4414538")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 17:00
S122	175	S119 and ((potential voltage) with compar\$3 with (positive and negative) with (input terminal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:02
S123	2	S119 and (keyboard keypad) and ((potential voltage) with compar\$3 with (positive and negative) with (input terminal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:03
S124	13	S119 and (keyboard keypad) and ((potential voltage) with compar\$3 with (positive and negative))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:04
S125	5445	((341/22,26,34) or (345/168) or (400/472)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/03 17:04
S126	0	S125 and ((potential voltage) with compar\$3 with (positive and negative))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:04
S127	108	S125 and ((potential voltage) with compar\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:04
S128	0	S125 and ((potential voltage) with compar\$3 with ((touch\$3 press\$3 depress\$3 push\$3) and releas\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:05

S129	0	S125 and ((potential voltage) with compar\$3 with releas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:13
S130	6	S125 and (((potential voltage) with compar\$3) same releas\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 17:13
S131	5643	((341/22,26,34) or (345/168) or (400/472)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/07 16:56
S132	12	S131 and ((without "not" no) near3 poll\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/07 16:56
S133	5643	((341/22,26,34) or (345/168) or (400/472)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/08 16:42
S134	31	S133 and ((detect\$3 sens\$3 determin\$3) near5 ((depress\$3 de\$1press\$3 press\$3) and (releas\$3 lift\$4off))) and ((without "not" no) near3 (scan\$4 poll\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 16:42
S135	0	S133 and ((detect\$3 sens\$3 determin\$3) near5 ((depress\$3 de\$1press\$3 press\$3) and (releas\$3 lift\$4off))) same ((potential voltage) near3 (transien\$3 spik\$3 ramp\$3 surg\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 17:28
S136	82149	(without "not" no eliminat\$3 reduc\$3) near3 (scan\$4 poll\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 17:28
S137	162	S133 and ((detect\$3 sens\$3 determin\$3) near5 ((depress\$3 de\$1press\$3 press\$3) and (releas\$3 lift\$4off)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 17:34
S138	426	((depress\$3 de\$1press\$3 press\$3) and (releas\$3 lift\$4off)) same ((potential voltage) near3 (transien\$3 spik\$3 ramp\$3 surg\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 17:34

S139	0	S137 and S136 and S138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 18:09
S140	5643	((341/22,26,34) or (345/168) or (400/472)). CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/10 17:01
S141	82209	(without "not" no eliminat\$3 reduc\$3) near3 (scan\$4 poll\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:01
S142	162	S140 and ((detect\$3 sens \$3 determin\$3) near5 ((depress\$3 de\$1press\$3 press\$3) and (releas\$3 lift\$4off)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:01
S143	426	((depress\$3 de\$1press\$3 press\$3) and (releas\$3 lift\$4off)) same ((potential voltage) near3 (transien\$3 spik \$3 ramp\$3 surg\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:01
S144	0	S142 and S141 and S143	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:01
S145	3	S140 and S141 and ((potential voltage) near3 (transien\$3 spik \$3 ramp\$3 surg\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:05
S146	2	S140 and (((potential voltage) near3 (transien \$3 spik\$3)) same threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:07
S147	1	S140 and (((potential voltage) near3 (transien \$3 spik\$3)) same threshold) and (scan\$4 poll\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:08
S148	5	S140 and ((scan\$4 poll \$3) near5 (before prior earlier) near5 (lift \$4off releas\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:12

S149	9	S140 and ((scan\$4 poll \$3) near5 (when after once) near5 (lift\$4off releas\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:15
S150	3	S140 and ((detect\$3 sens \$3 determin\$3) same ((key\$4down key\$4press \$3 de\$1press\$3 press\$3 activat\$3) and (key\$4up key\$3releas\$3 releas\$3 lift\$4off)) same ((potential voltage) near5 (transien\$3 spik \$3 ramp\$3 surg\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:28
S151	31	S140 and ((reduc\$3 decreas\$3) near10 (scan \$4 poll\$3)) same (power energy efficien\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:46
S152	31	S140 and (((reduc\$3 decreas\$3) near10 (scan \$4 poll\$3)) same (power energy efficien\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 17:46
S153	92	S140 and ((scan\$4 poll \$3) near5 (lift\$4off releas\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 18:11
S154	2	S140 and ((scan\$4 poll \$3) near5 (start\$3 begin \$4 commenc\$3 initiat\$3) near5 (lift\$4off releas \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/10 18:13

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